

# **THE DIET FOR HEALTHIER HARDWARE**





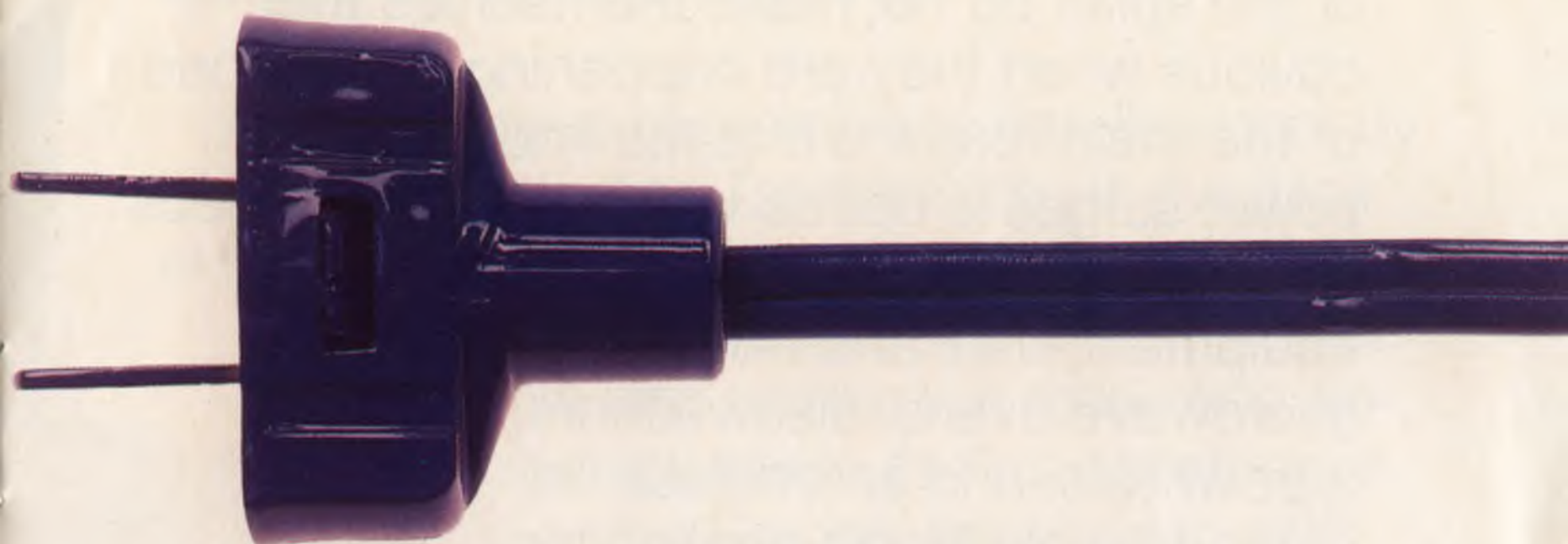
# FRIEND OR FOE?



The power of electricity is overwhelming, and like any powerful force, it needs to be respected.

Plugging any expensive equipment directly into the wall socket exposes it to the unpredictable dangers that exist on the power lines. Power surges and spikes of varying degrees can occur at any time. These surges and spikes are fluctuations on the line that can be caused by anything from a lightning strike as far away as five miles, a power company switching loads, various nearby electric motors, a return to power after a brown-out, and various other causes that are impossible to predict.





A surge (a transient that can run up to 2,500 volts for an extended time) or a spike (a short duration transient over 5,000 volts) can cause anything from obvious damage like immediate equipment failure to less obvious harm that can drastically shorten the life of your hardware. It can do extensive damage to a computer, or if a program is being run at the time of the surge, it can cause a 'glitch' in the software that will partially erase or rearrange your program. It can cause this kind of harm and havoc to any electronic equipment that is microprocessor controlled.

The damage caused by surges is very often blamed on either the hardware manufacturer or the software, but very





rarely on the true guilty party since the surge or the spike do not make themselves that obvious when they are happening. This is one of the main reasons that the knowledge of power surges is not as widespread as it needs to be. Anything like stereos, TV sets, video equipment, mini and micro computers, microwave ovens, dishwashers, typewriters, and an endless list of modern electronic appliances can be damaged by these power surges on the AC power line without the cause ever being clearly defined. This covert and destructive power that can cause costly damage and extensive inconvenience is lurking right there in your wall socket.

Now that we have acquainted you with the problem let us present you with a solution. The answer is simple. Never plug any microprocessor controlled equipment into the wall without sufficient protection designed to keep your hardware safe from power surges. EPD can offer you that protection and guarantee it.





# LEMON AID

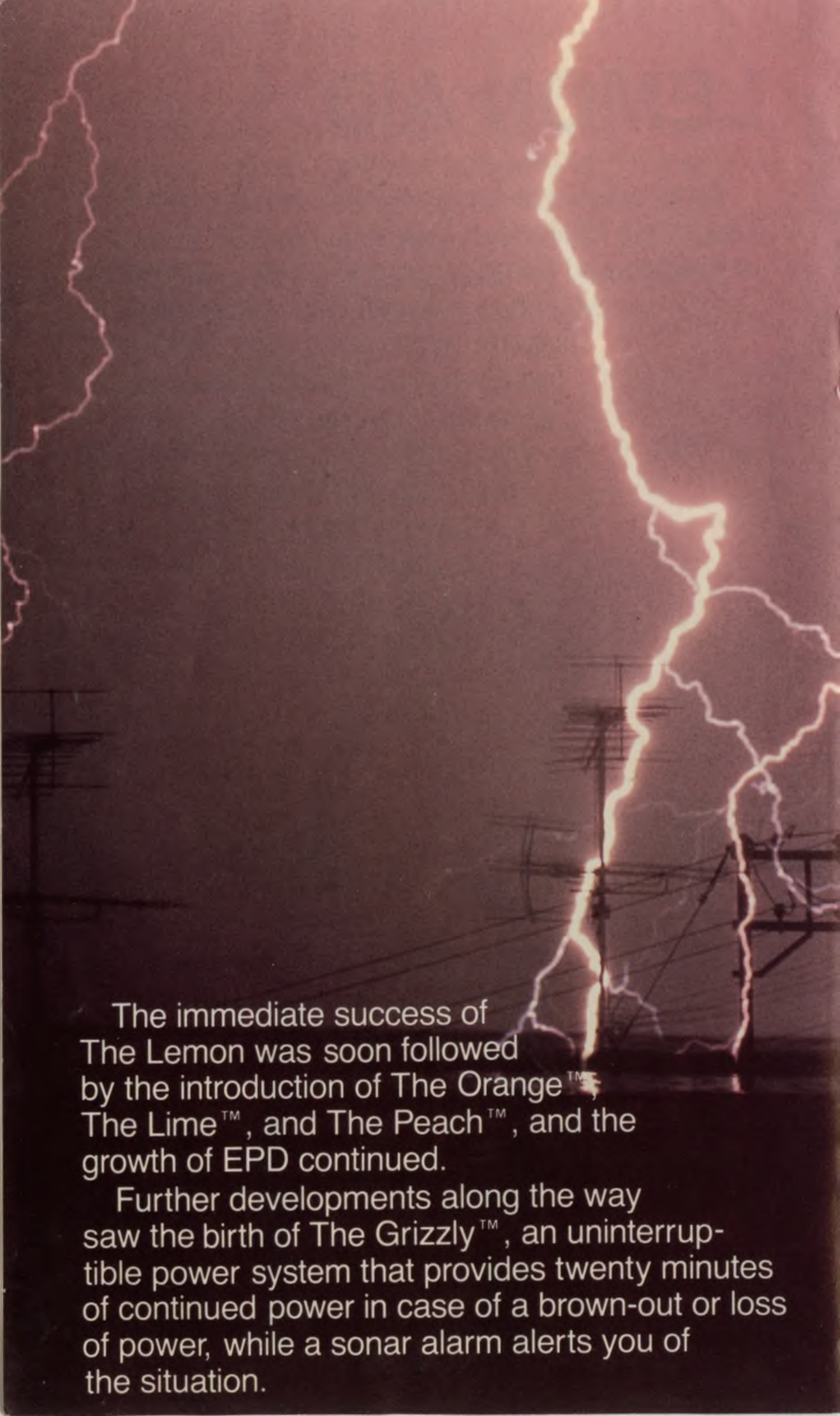
After extensive research and development by Electronic Protection Devices, Inc., in the area of surges and surge suppression, an extremely effective product with a very innovative and aggressive marketing approach made its first appearance at the Boston Applefest in 1981.

The Lemon™ was born. A surge protector that plugs directly into the wall socket and can hold up to six plugs. Two lights on top of the unit

(ground and line), assure you that the unit is operating properly and that your equipment is safe from damaging fluctuations on the power line. You just plug The Lemon into the wall socket and plug your equipment into The Lemon and your surge protection is guaranteed.







The immediate success of The Lemon was soon followed by the introduction of The Orange™, The Lime™, and The Peach™, and the growth of EPD continued.

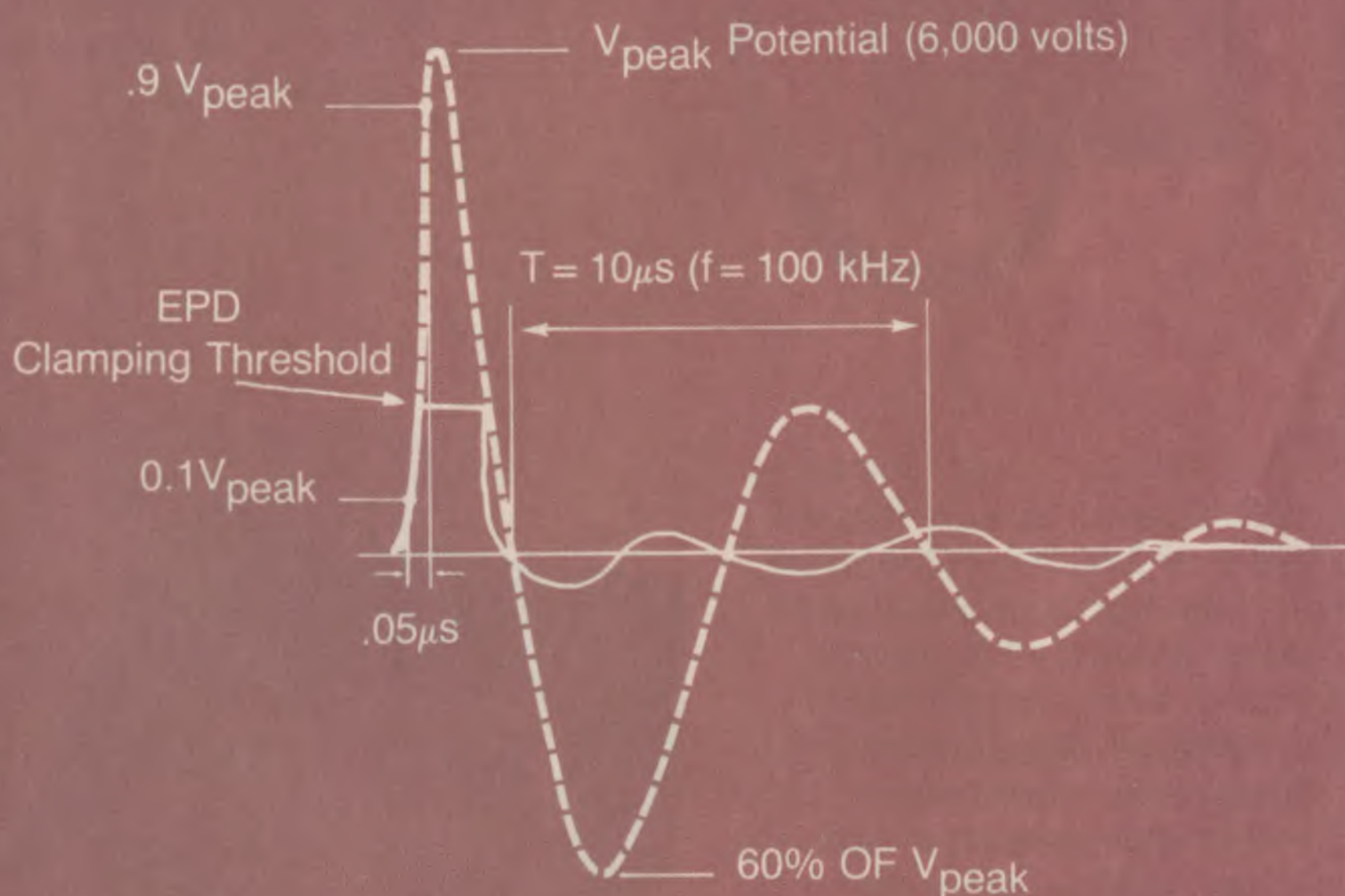
Further developments along the way saw the birth of The Grizzly™, an uninterruptible power system that provides twenty minutes of continued power in case of a brown-out or loss of power, while a sonar alarm alerts you of the situation.



This UPS gives you the time to close out your files and comfortably power down. The Grizzly along with its back-up features, provides you with surge protection as well.

The Grizzly was followed by The Hawk™, an AC Power Quality Monitor that alerts you of voltage fluctuations with an alarm and lights while providing surge protection and noise filtering.

The expert technology and effective performance record behind the EPD products is comforting assurance that your hardware is safe with an EPD product between you and the power lines, but now there is even more.



This is the wave shape of a typical Lightning Strike on a power line which can reach 6,000 volts at a duration of 1/2 a micro-second.



The Lemon™ is a solid state voltage clamping device designed to protect your hardware and software from the dangers of AC powerline transients.

125V-15 Amps



The Lime™ is similar to The Lemon with a 6 foot power cord, an on-off switch and a built in automatic circuit breaker.

125V-15 Amps

The Grizzly™ is an uninterruptible power system that will take over instantly in the event of a blackout or brownout and deliver at full load for twenty minutes while a sonar alarm alerts you of the situation. The Grizzly is also designed to protect your equipment from surges, spikes, and other powerline transients.

Available in:

200 Watt-120V

500 Watt-120V

1,000 Watt-120V







The Peach™ is a three-outlet EMI-RFI filtered surge protector that plugs directly into any three-wire grounded outlet.  
125V-15 Amps

The Orange™ is both a surge protector and an EMI-RFI filter keeping your equipment safe from powerline transients as well as electrical noise. The Orange has a 6 foot cord, an on-off switch, and an automatic circuit breaker.

125V-15 Amps



The Hawk™ is an AC Power Quality Monitor that alerts you of power fluctuations with an alarm and lights while protecting you from surges and electrical noise. It plugs directly into any three-wire grounded outlet and has a selectable mode switch.

125V-4 Amps



# IF THE LEMON™ IS A "LEMON"



## IT'S WORTH \$2,500

We're betting it won't, and so is Lloyds of London™. A million dollar blanket coverage policy insures your equipment against the same dangers that any EPD product protects you against.

The Lemon™, The Lime™, The Orange™, The Peach™, The Grizzly™ and The Hawk™ are all protection devices that promise to carry out their assigned tasks or we will repair or replace your equipment for up to \$2500.

This is our promise and we're betting on it, and no matter what happens, you win.

Lloyds of London is a registered trademark of Lloyds of London, London, England.



# SOME SHOCKING NEWS

As if the AC power line and the forces of man and nature were not enough to worry about, your own body is capable of some pretty severe damage to your computer and your software. The static electricity you generate (some static discharges have been measured up to 30,000 volts) can cause such problems as lost entries, erratic data, damage to the keyboard or other internal components of your computer, or total computer breakdown.

Our answer to this problem at your fingertips is our Ground Hog<sup>™</sup>. Just place it under your hardware and touch it with your fingertips before you touch your keyboard, and the static is gone. Making occasional contact with the Ground Hog as you work will continue to keep your hardware safe from another of the hidden forces of high-tech evil.





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EPD SUGGESTED LIST PRICES

|                             |          |                            |           |
|-----------------------------|----------|----------------------------|-----------|
| The Lemon.....              | \$59.95  | EC I.....                  | \$59.95   |
| The Lime.....               | \$89.50  | EC II.....                 | \$89.50   |
| The Peach.....              | \$97.50  | EC IV.....                 | \$97.50   |
| The Orange.....             | \$139.95 | EC V.....                  | \$139.95  |
| The Hawk.....               | \$195.00 | The Grizzly (500 Watt)...  | \$2400.00 |
| The Grizzly (200 Watt)..... | \$895.00 | The Grizzly (1000 Watt)... | \$5200.00 |
| The Ground Hog.....         |          | \$89.50                    |           |

To purchase any of EPD's products, please contact:

- \* your local computer dealer;
- \* your local ComputerLand store;
- \* BEST Products, Inc.
- \* Meijers Thrifty Acres (main office: Grand Rapids, MI (616)4536711)

or order by mail through:

- \* Computer Discount of America (800)526-5313 or (201)728-8080 in NJ
- \* Quill Corporation (312)634-4800
- \* Jenson Tool, Inc. (602)968-6241